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Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	1	of	2

C mplet if Kn wn				
Application Number	09/711,709			
Filing Date	November 13, 2000			
First Named Inventor	Moshe Kushnir et al.			
Group Art Unit	1616			
Examiner Name	M.A. Williamson			
Attorney Docket Number	287985/009 (LR/MCD/YL)			

	U.S. PATENT DOCUMENTS						
Examiner nitials*	Cite No. <sup>1</sup>	U.S. Patent D	Ocument Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
MAN		5,474,783		Miranda et al.	12/12/95		
1		5,354,885		Milman et al.	10/11/94		
$\Box$		6,166,081		Kushnir et al.	12/26/2000		
$\Box$		5,525,631		Milman et al.	06/11/96	<u> </u>	
$\neg \neg$		5,607,969		Milman et al.	03/04/97		
MANU		4,035,507		Bodor, et al.	7/12/77		
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3	FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Office <sup>3</sup>	Foreign Patent Docum Number <sup>4</sup>	nent Kind Code <sup>5</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T8
MA			WO 98/16208		Analyst Research Labs.	23 April 1998		$\dagger$
			WO 99/30702		Sekisui Chemical Co.	16 Dec. 1998		Т
			WO 2000027801		Lidor et al.	18-05-2000		
NAN			CA 2112160		Milman et al.	1993		$\perp$
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	Examiner Signature	Williamson	Date Considered	9/	02		
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Compl t if Known Substitute for form 1449B/PTO **Application Number** 09/711,709 INFORMATION DISCLOSURE **Filing Date** November 13, 2000 STATEMENT BY APPLICANT **First Named Inventor** Moshe Kushnir et al. Group Art Unit 1616 (use as many sheets as necessary) **Examiner Name** M.A. Williamson Attomey Docket Number of 287985/009 (LR/MCD/YL) Sheet 2 2

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS
		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
		International Search Report dated 10 February 1998.
Î		item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.  International Search Report dated 10 February 1998.  Cooper DR, et al. L-Dopa esters as potential prodrugs: behavioural activity in experimental models of Parkinson's disease. J. Pharm. Pharmacol. 1987, 39:627-635.
		Fix JA, et al. Short-Chain Alkyl Esters of L-Dopa as Prodrugs for Rectal Absorption." Pharmaceutical Research. 6 (6):501-505 (1989).
		Fix JA, et al. A Comparison of Oral and Rectal Absorption of L-Dopa Esters in Rats and Mice. Pharmaceutical Research. 7(4):384-387 (1990).
		Marrel C, et al. L-DOPA esters as Potential prodrugs. Part. II. Chemical and enzymatic hydrolysis. Eur. J. Med. Chem Chem. Ther., 1985-20 No. 5, pp. 467-470.
		Stocchi F, et al. Intravenious Boluses and Continuous Infusions of L-Dopa Methyl Ester in Fluctuating Patients with Parkinson's disease. Move.Disorders, V. 7, No. 3, 1992, pp. 249-256.
		Chemical Abst., CAS Reg. No. 59-92-7 (2000 ACS)
		Chemical Abst., CAS Reg. No. 37178-37-3 (2000 ACS)
		Djaldetti R. et al. Levodopa ethylester: A novel rescue therapy for response fluctuations in Parkinson's disease. Ann. Neurol. (1996), 39(3), 400-4.
MAW		Ahmed, Ghulam, et al. Facile synthesis of L-Dopa esters by combined use of tyrosinase and .alphachymotrypsin. Biotechnol. Lett. (1994), 16(4), 367-72.

Examiner Signature	Date Somethered
Signature VV) / 1 chos	Considered // U

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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